

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S93	5003	(318/254).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/04 17:00
S95	68	S93 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:05
S94	68	S93 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:05
S97	37	S93 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and (switch\$4 transistor igbt mosfet) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:07
S96	67	S93 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and (switch\$4 transistor igbt mosfet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:07
S99	20	"5859520"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:31
S100	67	"4654566"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:32
S98	37	S93 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:45
S101	2	318/805.ccls. and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 17:48

## EAST Search History

S10 6	9	318/798 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:05
S10 5	1	318/771 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:05
S10 4	1	318/771.ccls. and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:05
S10 3	6	318/798.ccls. and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:05
S10 2	3	318/805.ccls. and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:06
S10 7	7	318/805 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:08
S10 9	14	S108 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:09
S10 8	51	318/254 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:11

## EAST Search History

S11 0	6	318/727 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:12
S11 1	43	318/138 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:14
S11 2	37	318/439 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:17
S11 3	9	318/798 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:18
S11 4	1	318/815 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:19
S11 8	34	S117 not S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:25
S11 7	99	"318"/\$.ccls. and (diode block\$4) and (compar\$4 comparator) and (emf bemf cemf electromotive) and latch\$4 and ((sens\$4 detect\$4 monitor\$4 measur\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:25
S11 6	16	S115 not (S110 S111 S112 S113 S114 S100 S99 S97 S96 S94)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/04 18:26
S12 1	6	("4654566"   "5172036"   "5216343"   "5343127"   "5397972"   "5631999").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:41
S12 0	13	("5859520").URPN.	USPAT	OR	ON	2007/01/05 18:41

## EAST Search History

S11 5	65	"318"/\$.ccls. and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:45
S13 5	99	"318"/\$.ccls. and (diode block\$4) and (compar\$4 comparator) and (emf bemf cemf electromotive) and latch\$4 and ((sens\$4 detect\$4 monitor\$4 measur\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S13 4	65	"318"/\$.ccls. and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S13 3	1	318/815 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S13 2	9	318/798 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S13 1	37	318/439 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S13 0	43	318/138 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 9	6	318/727 and (diode block\$4) and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47

## EAST Search History

S12 8	67	"4654566"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 7	20	"5859520"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 6	37	S123 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and (switch\$4 transistor igbt mosfet) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 5	67	S123 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and (switch\$4 transistor igbt mosfet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 4	68	S123 and block\$4 and comparator and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 3	5003	(318/254).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/05 18:47
S11 9	33	S117 not (S115 S110 S111 S112 S113 S114 S100 S99 S97 S96 S94)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:47
S12 2	75	"318"/\$.ccls. and (diode block\$4) and (compar\$4 comparator (op\$2 adj2 amp) (operation\$4 adj2 amplif\$4) ) and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:48
S13 8	21	S137 not S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:49
S13 6	1	S122 not (S134 S129 S130 S131 S132 S133 S128 S127 S126 S125 S124 S135)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:49

## EAST Search History

S14 0	184	(diode block\$4) and (compar\$4 comparator (op\$2 adj2 amp) (operation\$4 adj2 amplif\$4) ) and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:56
S13 9	15	S137 not ( S122 S134 S129 S130 S131 S132 S133 S128 S127 S126 S125 S124 S135)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:56
S13 7	96	"318"/\$ and (diode block\$4) and (compar\$4 comparator (op\$2 adj2 amp) (operation\$4 adj2 amplif\$4) ) and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:56
S14 1	88	S140 not (S137 S122 S134 S129 S130 S131 S132 S133 S128 S127 S126 S125 S124 S135)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/05 18:57

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	(( block\$4) and (compar\$4 comparator ) and (emf bemf cemf electromotive) and latch and ((sens\$4 detect\$4) near4 (emf bemf cemf electromotive)) and diode).clm.	US-PGPUB	OR	ON	2007/01/06 21:51